

# Compressing waste bin



## General specifications

### Model

|               |                         |
|---------------|-------------------------|
| Product group | : Waste bins            |
| Product       | : Compressing waste bin |

### Material

|                     |   |
|---------------------|---|
| Frame               | : Steel 4mm DD11 powder coated  |
| Door and rear panel | : Steel 2.5mm DD11 powder coated  |
| Roof top shell      | : Die-cast aluminium A356.2   |
| Roof lower shell    | : Steel 4mm DD11 powder coated  |
| Canopy              | : Polycarbonate 8mm   |
| Mini roll cage      | : HDPE  |
| Press module        | : Steel DD11 electrolytically galvanised and yellow passivated. Different plate thicknesses |
| Fasteners           | : Steel electrolytic zinc plated and SS A2  |
| Lock                | : Stainless steel 316, lock body PA6  |

### Parts

|                          |   |
|--------------------------|---|
| Steel parts housing      | : KTL treated and powder coated                             |
| Steel parts press module | : Zinc plated and yellow passivated                         |
| Linear Actuator          | : Operates at 12V, max load of 6800N. Protection class IP66 |
| Battery                  | : 22Ah, 12V, lead crystal battery.                          |
| Solar panel              | : 25Wp  |
| Mini roll cage           | : 120L, 8kg (incl. lid)                                     |

### Weight

|              |                                      |
|--------------|--------------------------------------|
| Total        | : 190kg (excluding Mini roller cage) |
| Press module | : 45kg                               |
| Roof module  | : 12kg                               |
| Battery      | : 5.9kg                              |

### Measurements

#### Placement

##### Concrete base

|                         |        |
|-------------------------|--------|
| Weight of concrete base | : 63kg |
|-------------------------|--------|

#### Location

The compacting bin can stand alone in locations where there is at least some solar radiation.

#### Powder coated

The cold rolled steel is treated with KTL (Kathodische Tauch Lackierung) after cutting the parts. This is a water-based epoxy coating that also provides the cut edges with an anti-corrosion layer. Powder coating in VConsys RAL colours. The powder coating used to colour and protect the Citypole from external influences is Polyester silk gloss Interpon D1036 Satin Qualicoat.

#### Optional anti-graffiti

Polyurethane smooth gloss easyclean transparent.